GRADING PLANS

MAJOR OR MINOR



January 1, 2015

Beginning July 1, 2012, per Ordinance O12-19, a 2.75% technology fee will be assessed and collected on the total fees for all new and resubmitted applications until June 18, 2017.

STAFFORD COUNTY DEPARTMENT OF PLANNING & ZONING

1300 COURTHOUSE ROAD P O BOX 339 STAFFORD, VIRGINIA 22555-0339

> PHONE: 540-658-8668 FAX: 540-658-6824

www.staffordcountyva.gov

Grading Plan, Major or Minor

Tel Stalle	ord County Code, Section 26-245 a minor grading plan consists of.
	Clearing more than 2,500 square feet but less than 21,780 square feet (1/2 acre) and does not involve any structures or buildings
	Adding fill with no structures or buildings
	Drainage project
Per Staffo	ord County Code, Section 28-245 a major grading plan consists of:
	Clearing, grading or stockpiling an area 21,780 square feet (1/2 acre) or more that does not involve any structures or buildings
A comple	ted application includes:
	Signed "Statement of Understanding" from the owner(s) and applicant
	Completed "Project Information and Primary Contacts" Form
	Completed "Detailed Project Description" Form
	Completed "Grading plan Review Fee Calculation" sheet and appropriate fees payable to "County of Stafford" including 2.75% TECHNOLOGY FEE.
	Completed "Checklist for Grading Plans," signed by the engineer who prepared the plan.
	Eight (8) 24" x 36" sets of plans
OTICE:	

N(

Grading Plans do not go to Technical Review Committee (TRC).

STATEMENT OF UNDERSTANDING

I, as owner/co owner of the property subject to this application, do hereby certify that I have read and understood the requirements for the submission of major grading plans for review and approval as provided

under the requirements and applicable provisions of the Zoning Ordinance, Chapter 28 of the Stafford County Code for the zoning districts in which this project is located. Signature of Owner/Co Owner Printed Name Date Signature of Owner/Co Owner Printed Name Date Signature of Owner/Co Owner Printed Name Date I, as applicant or agent for the owner(s) of the property subject to this application, do hereby certify that I have submitted this application for major grading plans for review and approval as provided under the requirements and applicable provisions of the Zoning Ordinance, Chapter 28 of the Stafford County Code for the zoning districts in which this project is located. Signature of Applicant/Agent Printed Name Date **RECEIVED: OFFICIALLY SUBMITTED:** _ INITIALS_

_ INITIALS __

Project Information & Primary Contacts

Infrastructure Plan ☐ Prel: Minor SP ☐ Con	iminary Plan	Minor Plat BLA/DED/VA		Subd. Plat □ y Subd. Plat □
PROJECT INFORMAT	ION		PROJECT #	
PROJECT NAME				SECTION
ADDRESS (IF AVAILABLE)				TOTAL SITE ACREAGE
TAX MAP /PARCEL(S)				ZONING DISTRICT
LOCATION OF PROJECT				
APPLICANT/AGENT			Primary Cont	act Person
NAME			COMPANY	
ADDRESS		CITY	STATE	ZIP
PHONE NUMBER	FAX NUMBER	EMAIL	. ADDRESS	
OWNER (Provide attachr	nents if multiple owners		Primary Cont	act Person □
NAME			COMPANY	
ADDRESS				
		CITY	STATE	ZIP
PHONE NUMBER	FAX NUMBER		STATE	ZIP
PROFESSIONAL (Engir				
			. ADDRESS	
PROFESSIONAL (Engir			ADDRESS Primary Cont	

Detailed Project Description

CLEARLY INDICATE ALL INFORMATION THAT APPLIES TO THIS PROJECT:

Detailed Project Description					
Revision	Minor: □				
	Major: □				
REQUIRE	ED CALCULATIONS				
	# of Disturbed Acres				

Grading Plan, Major or Minor REVIEW FEE CALCUATION

*** Total application fee includes **ONLY** 1st & 2nd Reviews & for administrative process & review ***Does not constitute an approval of this plan.

T		OF GRADING PLAN Major Grading:	1	☐ Residential		ommercial		
] :	Minor Grading:		☐ Residential		ommercial		
I	. <u>Maj</u>	or Grading Plan						
A	A. App	lication Fee			\$	7,300.00		
В	8. E &	S/SWM Plan Review l	Fee		\$	2,400.00		
C	C. Utili	ties Review Fee			\$	430.00		
				SUBTOTAL	\$			
Per Ordinance	O12-1	9, a 2.75% technolog	<mark>y fee</mark> w	vill be assessed	and c	collected on the	total fees	for all new
and resubmitted	applic	ations until June 18, 2	<mark>017.</mark>	+ 2.75%	\$			
			GRAN	D TOTAL	\$			
I	I. <u>Mir</u>	nor Grading Plan						
A	A. App	lication Fee			\$	2,450.00		
В	B. E &	S/SWM Plan Review l	Fee		\$	2,400.00		
C	C. Utili	ties Review Fee			\$	430.00		
				SUBTOTAL	\$			
		9, a 2.75% technolog ations until June 18, 2	-		and c	collected on the	total fees	for all new
and resubilitied	аррпс	· ·		TOTAL	\$			
					Ψ			
All 3 rd an	nd subs	sequent Review Fees are	e as foll	lows:				
Majo								
	ing & ' I / E&S		(\$3,150 (\$1,200					
Utilit			(\$1,200 (\$180)	,				
		9, a 2.75% technolog			and c	collected on the	total fees	for all new
		ations until June 18, 2	-					
Mino	r:							
	ing & '	Zoning	(\$1,200	0.00)				
SWM	1 / E&S	C	(\$1,200	0.00)				
Utilit	ies		(\$180	0.00)				

Per Ordinance O12-19, a 2.75% technology fee will be assessed and collected on the total fees for all new and resubmitted applications until June 18, 2017.

CHECKLIST FOR GRADING PLANS

This check list is to be completed, signed and certified by the plan preparer and shall be submitted as part of the application. Refer to the appropriate sections of the Stafford County Code of Ordinances.

N/A	COMPLETE	Submission Requirements 28-248.A NAME OF PROJECT 28-248.A ASSESSORS PARCEL # 28-248.A DATE (INCL REVISIONS) 28-248.A MAG.DIST/CNTY/STATE 28-248.A NAME/ADDR OF APPLICNT 28-248.A NAME/ADDR OF OWNER 28-248.A NORTH INDICATOR ARROW 28-248.B SCALE (1"=50' OR >)
		28-248.C # OF SHEETS OF PLAN 28-248.C INDICATE MATCH LINES 28-248.D OVERALL SHEET W/ PG INDICATORS 28-248.F SHEET SIZE (42" MAX) 28-248.F SPECIAL STUDIES AS REQ 28-248.G HORIZONTAL DIMENSIONS
		Contents of Grading Plans 21-5.1.A SWM AGREEMENT 28-249.B.1 LOCATION OF SITE 28-249.B.2 VIC MAP (1"=2,000") 28-249.B.2 NAMES / RT # RDS / SUBD / RR / ETC 28-249.B.3 TOPO NOT > 5" 28-249.B.7 FLOODPLAINS / RPA 28-249.B.9 PROFFERS / CONDITIONS 28-249.B.9 PROFFERS / CONDITIONS 28-249.C.1 CERTIFICATE OF PLAN PREPARER 28-249.C.2 SIGN LINE FOR E&S/STORMWATER MGMT ADMIN 28-249.C.2 SIGN LINE FOR VDOT 28-249.C.3 ADJ OWNER NAMES 28-249.C.3 ADJ OWNER NAMES 28-249.C.3 ADJ PROPERTY TAX MAP 28-249.C.3 ADJACENT USE 28-249.C.3 ADJACENT USE 28-249.C.3 ADJACENT ZONING 28-249.C.3 ADJACENT PROP LOC 28-249.C.7 EXISTING TOPOGRAPHY (2'INTRVLS) 28-249.C.7 PROP FINISH GRADE/CLEARING LIMITS 28-249.C.10 NAME & RTE#/OR LR# OF ROW 28-249.C.10 LR# OF EXISTING ESMTS 28-249.C.16 TOTAL ACREAGE OF SITE 28-249.C.16 STRUCTURES DIM/SZ & HGT 28-249.C.18 PROPERTY ADDRESS ON BLDG FOOTPRINT 28-249.C.19 PROFFERS/IMPLEMENTATION PLAN 28-256.B ENG CRTFD COST EST 28-256.C.6 ESMT FOR DRAINAGE/UTILITIES & OFF-SITE
N/A □ □	COMPLETE	Overlay District Overlay Districts 28-35 HERITAGE INTERPRETATION 28-57 FLOOD HAZARD 28-58 HISTORIC RESOURCE

N/A	COMPLETE	
		28-59 HIGHWAY CORRIDOR
		28-62 CHESAPEAKE BAY PRESERVATION/SIGNAGE
		28-63 MILITARY FACILITY IMPACT
		28-64 AIRPORT IMPACT
		28-65 HISTORIC GATEWAY CORRIDOR
N/A	COMPLETE	Zoning and Subdivision Ordinances
		22-28 OTHER INFORMATION REQUIRED
		22 20 0 THER IN GRAMMITTON INDOMESE
(CHECKLIST FOR	R SWM AND EROSION & SEDIMENT CONTROL FOR GRADING PLAN
Refer	to Chapters 11 & 21.	5 of the Code, SWM Design Manual & VA Erosion & Sediment Control Handbook.
3 .7.4	COMPLETE	
N/A	COMPLETE	Concept and Preliminary Plans - Stormwater Management Design Manual
		5.2 CONCEPT/PRELIMINARY PLAN
		5.5.1 SOILS MAP & DATA
		5.6.2 CHANNEL ADEQUACY COMPS
		5.5.1 WELLS/SEPTIC LOCATION
		5.3 OTHER PERMITS (FED/ST)
		5.5.1 HYDRC SOILS, WTLNDS IMPCTS
		5.5.1 FLOODPLAINS
		5.5.1 LOC OF CBPA'S SHOWN
		5.5.1 DRAINAGE DIVIDES
		5.4 SWM METHOD
		5.7 WRITTEN REQST FOR EXCPTN
		5.4 DESCRIBE DRAINAGE
П	П	5.5.2 LOC/TYPE SWM FACILITIES
		5.6 EST PST-DEV IMPERVIOUS C
	П	5.3 VICINITY MAP
N/A	COMPLETE	Stormwater Management Design Plans (Grading, Site, and Subdivision
		Construction Plans) - General information (narrative and drawings).
		County Code (21.5) & Stormwater Management Design Manual.
		21.5-2.A.4 CERT DESIGN/VA PROF
		21.5-2.A.5 CALCULATIONS
		21.5-2.A.6 ADEQUATE CHANNELS
		21.5-2.A.7 SAFETY MEASURES
		21.5-2.B.1 TECH-BASED BMP
П	П	21.5-2.C.2 DETENTION 1 YR-24HR
П	П	21.5-2.D.2 10YR PK RUNOFF RATE
		6.3 PROJECT DESCRIPTION
		6.4 OVERALL DEVELOPMENT PLAN
		6.9 DESC ERSN/SDMNT CONTROLS
		6.8 PRJ SCHED/SEQ OF CONSTRUCTION
	П	6.6.2 STRUCTURE/PIPE SCHEDULE
		6.6.6 STRUCTURE NUMBERS
		6.6.2 PIPE/LOC, SZ, TYPE, LENGTH
		6.8 DESIGN DETAILS
N/A	COMPLETE	Drainage Area Map - County Stormwater Management Design Manual
		5.3 GRAPHIC SCALE; NRTH ARROW
		5.5.1/2 PROPERTY LINE
		5.5.1 DRAINAGE DIVIDES
		5.5.1/2 AREA TO STRUC/SWM FAC
		5.4 PRE/PST LAND USES
		5.4 PRE/PST TC FLOW PATH

N/A	COMPLETE	Soils Map - Stafford Soils Map & SWM Design Manual
		6.5 DRAINAGE AREAS
		6.5 SOIL GROUPS
N/A	COMPLETE	Plan Views - Stormwater Management Design Manual
		6.5 GRPHC SCL/NRTH ARROW
		6.6.1 GRADING AT STRUCTURES
		6.6.2 DETAILS AT ALL OUTFALLS
		6.6.2 100YR OVRLND FLW PATHS
		6.6.2 100YR POOL AT INLETS
		6.6.3 POOL ELEVS IN SWM FAC
		6.6.3 DRY/WET WETHR FLOW PTHS
		6.6.3 EMRGCY SPLWY/OUTLT CHNL
		6.6.3 MAINTENANCE ACCESS
		6.6.3 SOIL BORING LOCS SHOWN
		6.6.2 UTILITY LOCATIONS
		6.6.1 PROPERTY LINE
		6.6.1 TOPOGRPHY 1-2 FT INTRVLS
		6.6.1 FLOODPLAINS SHOWN
		6.6.1 WETLANDS SHOWN
		6.6.1 PRP BUFFRS/CONSRV EASMNT
		6.6.2 DRNG/ACCESS ESMNTS SHOWN
		6.6.2 PIPE, SZ, TYP, CLS/STRCT #S
		6.6.2 PRP RDS H/L PTS, INLT ELV
		6.6.4 OVRLND FLW PTH DRN BLCKD
N/A	COMPLETE	Drainage System Design -County Code (11) & SWM Design Manual.
		11-12.B.5 CHNL DSGN 2YR PK FLW
		6.7.1 HYDRLC COMPS PRVD W/PLAN
		6.7.1 PRVD HYDRLC GRDLN COMPS
		6.7.1 DRN SYS CNFRM VDOT STNDR
П		6.7.1 CHNLS DSGN 10YR PK DSCHG
		6.7.1 CHNL LNGS SLCTD VDOT/VA
П		6.7.1 RESIDENTIAL LOT DRAINAGE
		6.7.1 YD INLTS FOR 10YR EVNT
	П	6.7.1 100 YR STORM/NO FLOOD
	П	6.7.1 GRDS PRVD DRNG FRM HOUSE
П		6.6.2 DRAINAG IMPVMNT W/ESMNTS
П	П	6.6.2 DRN ESMNT EXTND UPSTREAM
П	П	6.6.2 ADQT ACCSS ESMNTS PRVDED
П		6.6.3 PRFLS/CHNLS, STRM SWRS, CL
		6.7.1 STRUCTURE NUMBER(S)
	П	6.7.1 STROCTORE WOMBER(S) 6.7.1 SZ, TYP, CL, LNGTH, SLP PIP
		6.7.1 EXSTG/PRPSD GRND ELVTNS
		6.7.1 10YR VLCTY/DSCHRG FR SL
		6.7.1 10/100 YR HDWTRS/TLWTRS
		6.7.1 HEAD LOSS
N/A	COMPLETE	Profile Views - Stormwater Management Design Manual
		6.7.1 OUTFALL PROTECTN DETAIL
		6.7.1 INLETS W/INVERT ELEVTNS
П		6.7.1 UTIL CRSNGS W/INVRT ELV
N/A	COMPLETE	Cross Section Views - Stormwater Management Design Manual
		6.7.1 TYP CRS SEC/SW CHNL/DRN
		6.7.1 WDTH, HGHT, GR SLP,STBLZT
		6.7.1 10YR WTR SURFACE ELEVTN
		0.7.1 TOTA WIR DOMINGE ELL VIIV

N/A	COMPLETE	Stormwater Management Retention and Detention Basins –
		County Code (21.5) &Stormwater Management Design Manual.
		21.5-4.C.2.D GEOTECH RECMNDTNS
П		6.7.2 WTR QLTY CMPS PRVD W/PLN
		6.7.2 SOILS INVSTGTN W/LOGS
	П	6.7.2 PRNCPL SPILLWAY PROFILE
		6.7.2 EXISTNG/PROPOSED GRADES
		6.7.2 CORE TRENCH
		6.7.2 RISER STRUCTURE
		6.7.2 OUTLET BAREL W/BEDD DTL
		6.7.2 PHREATIC LINE IN PONDS
		6.7.2 OUTFALL PROTECTION
		6.7.2 ALL PERTINENT ELEVATONS
		6.7.2 EXSTNG/PRPSD GRND ELEVT
		6.7.2 TOP OF EMBANKMENT
		6.7.2 LOC EMERGENCY SPILLWAY
		6.7.2 BOTTOM OF CORE TRENCH
		6.8 SOIL BORING LOC, DEPTHS
		6.7.2 BARRL LOC, SZ, INVRT ELEV
		6.7.2 EMERG SPILLWAY PROFILE
		6.7.2 EXSTNG GRND/PRPSD GRADE
		6.7.2 SPILLWAY/CREST ELEVATNS
		6.11 DSGN DSCHRG, ELCTY, DEPTH
		6.8 CONSTRCTN SPECIFICATIONS
		6.8 SEQUENCE ON CONSTRUCTON
		6.8 SITE PREPARATION
П		6.8 DAM CONSTRUCTION NOTES
		6.8 CONCRETE CONST NOTES
		6.7.2 RIP-RAP/SLOPE PROTECTON
		6.8 SITE STABILIZATION
		6.7.2 TRASH RACK/ANTIVDRTBX DEV
		21.5-5 SCHEDULE OF INSPECTIONS
		6.8 DSGN CNFRM VA SWM HNDBK
		7 2 DD(AV/HAE/CH/AV/ EACEMENTE
		7.2 PROVIDE/SHOW EASEMENTS
		7.2.3 ESMNT/PND, EMBKMNT, OTLT S
		7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA
		7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS
		7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN
		7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS
		7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN 6.8/11 CMPLTD CHCHLST/VA SWM HB
 		7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN 6.8/11 CMPLTD CHCHLST/VA SWM HB EROSION AND SEDIMENT CONTROL PLAN
	COMPLETE	7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN 6.8/11 CMPLTD CHCHLST/VA SWM HB EROSION AND SEDIMENT CONTROL PLAN Narrative - Virginia Erosion & Sediment Control Handbook
	COMPLETE	7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN 6.8/11 CMPLTD CHCHLST/VA SWM HB EROSION AND SEDIMENT CONTROL PLAN Narrative - Virginia Erosion & Sediment Control Handbook 6-13 ADJACENT AREAS
	COMPLETE	7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN 6.8/11 CMPLTD CHCHLST/VA SWM HB EROSION AND SEDIMENT CONTROL PLAN Narrative - Virginia Erosion & Sediment Control Handbook 6-13 ADJACENT AREAS 6-13 CRITICAL AREAS
	COMPLETE	7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN 6.8/11 CMPLTD CHCHLST/VA SWM HB EROSION AND SEDIMENT CONTROL PLAN Narrative - Virginia Erosion & Sediment Control Handbook 6-13 ADJACENT AREAS 6-13 CRITICAL AREAS 6-13 E&SC CONTROL MEASURES
N/A	COMPLETE	7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN 6.8/11 CMPLTD CHCHLST/VA SWM HB EROSION AND SEDIMENT CONTROL PLAN Narrative - Virginia Erosion & Sediment Control Handbook 6-13 ADJACENT AREAS 6-13 CRITICAL AREAS 6-13 E&SC CONTROL MEASURES 6-13 EXISTING SITE CONDITIONS
	COMPLETE	7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN 6.8/11 CMPLTD CHCHLST/VA SWM HB EROSION AND SEDIMENT CONTROL PLAN Narrative - Virginia Erosion & Sediment Control Handbook 6-13 ADJACENT AREAS 6-13 CRITICAL AREAS 6-13 E&SC CONTROL MEASURES 6-13 EXISTING SITE CONDITIONS 6-13 OFF-SITE AREAS
	COMPLETE	7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN 6.8/11 CMPLTD CHCHLST/VA SWM HB EROSION AND SEDIMENT CONTROL PLAN Narrative - Virginia Erosion & Sediment Control Handbook 6-13 ADJACENT AREAS 6-13 CRITICAL AREAS 6-13 E&SC CONTROL MEASURES 6-13 EXISTING SITE CONDITIONS 6-13 OFF-SITE AREAS 6-13 PERMANENT STABILIZATION
N/A	COMPLETE	7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN 6.8/11 CMPLTD CHCHLST/VA SWM HB EROSION AND SEDIMENT CONTROL PLAN Narrative - Virginia Erosion & Sediment Control Handbook 6-13 ADJACENT AREAS 6-13 CRITICAL AREAS 6-13 E&SC CONTROL MEASURES 6-13 EXISTING SITE CONDITIONS 6-13 OFF-SITE AREAS 6-13 PERMANENT STABILIZATION 6-13 PROJECT DESCRIPTION
N/A	COMPLETE	7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN 6.8/11 CMPLTD CHCHLST/VA SWM HB EROSION AND SEDIMENT CONTROL PLAN Narrative - Virginia Erosion & Sediment Control Handbook 6-13 ADJACENT AREAS 6-13 CRITICAL AREAS 6-13 E&SC CONTROL MEASURES 6-13 EXISTING SITE CONDITIONS 6-13 OFF-SITE AREAS 6-13 PERMANENT STABILIZATION 6-13 PROJECT DESCRIPTION 6-13 SOILS
	COMPLETE	7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN 6.8/11 CMPLTD CHCHLST/VA SWM HB EROSION AND SEDIMENT CONTROL PLAN Narrative - Virginia Erosion & Sediment Control Handbook 6-13 ADJACENT AREAS 6-13 CRITICAL AREAS 6-13 E&SC CONTROL MEASURES 6-13 EXISTING SITE CONDITIONS 6-13 OFF-SITE AREAS 6-13 PERMANENT STABILIZATION 6-13 PROJECT DESCRIPTION 6-13 SOILS 6-13 SW RUNOFF CONSIDERATION
 	COMPLETE	7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN 6.8/11 CMPLTD CHCHLST/VA SWM HB EROSION AND SEDIMENT CONTROL PLAN Narrative - Virginia Erosion & Sediment Control Handbook 6-13 ADJACENT AREAS 6-13 CRITICAL AREAS 6-13 E&SC CONTROL MEASURES 6-13 EXISTING SITE CONDITIONS 6-13 OFF-SITE AREAS 6-13 PERMANENT STABILIZATION 6-13 PROJECT DESCRIPTION 6-13 SOILS 6-13 SW RUNOFF CONSIDERATION Site Plan - E&SC - County Code (11) & VA Erosion & Sediment Control Hdbk
 	COMPLETE	7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN 6.8/11 CMPLTD CHCHLST/VA SWM HB EROSION AND SEDIMENT CONTROL PLAN Narrative - Virginia Erosion & Sediment Control Handbook 6-13 ADJACENT AREAS 6-13 CRITICAL AREAS 6-13 E&SC CONTROL MEASURES 6-13 EXISTING SITE CONDITIONS 6-13 OFF-SITE AREAS 6-13 PERMANENT STABILIZATION 6-13 PROJECT DESCRIPTION 6-13 SOILS 6-13 SW RUNOFF CONSIDERATION Site Plan - E&SC - County Code (11) & VA Erosion & Sediment Control Hdbk 11-32.B.2 TWO-PHASE PLAN
 	COMPLETE	7.2.3 ESMNT/PND, EMBKMNT, OTLT S 7.2.3 ESMNT SZ FOR UNDRGRND FA 7.2.5 ACCESS ROAD STANDARDS 21.5-2 MAINTENANCE PLAN 6.8/11 CMPLTD CHCHLST/VA SWM HB EROSION AND SEDIMENT CONTROL PLAN Narrative - Virginia Erosion & Sediment Control Handbook 6-13 ADJACENT AREAS 6-13 CRITICAL AREAS 6-13 E&SC CONTROL MEASURES 6-13 EXISTING SITE CONDITIONS 6-13 OFF-SITE AREAS 6-13 PERMANENT STABILIZATION 6-13 PROJECT DESCRIPTION 6-13 SOILS 6-13 SW RUNOFF CONSIDERATION Site Plan - E&SC - County Code (11) & VA Erosion & Sediment Control Hdbk

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N/A	COMPLETE	
		6-14 EXISTING CONTOURS
		6-14 EXISTING VEGETATION
		6-14 EXISTING DRAINAGE PATTERN
		6-14 FINAL/PROPOSED CONTOURS
		6-14 LOCATIONS OF PRACTICES
		6-14 MAINTENANCE
		6-14 NORTH ARROW
		6-14 OFF-SITE AREAS
		6-14 SITE DEVELOPMENT
		6-14 SOIL TYPE BOUNDARIES
		6-14 VICINITY MAP
N/A	COMPLETE	Minimum Standards - 4VAC Virginia Administrative Code
		50-30-40.16 UNDERGROUND UTILS
		50-30-40.1 SEED WITHIN 7 DAYS
		50-30-40.10PRTCT STRM SWR INLT
		50-30-40.11 OUTLET PROTECTION
		50-30-40.12WRKG IN LV WTRCOURS
		50-30-40.13TMP STREAM CRSSINGS
		50-30-40.14 OTHER LAWS
		50-30-40.15STBILIZE WTRCOURSES
		50-30-40.17KEEPING MUD OFF RDS
П		50-30-40.18REMOVE TMP CONTROLS
П		50-30-40.19PRVNT INCRESD RNOFF
П		50-30-40.2 STBLZE STCKPL/BOROW
П	П	50-30-40.3ADQUTE PERMANENT CVR
П		50-30-40.4TRAPING MEASURE FRST
П		50-30-40.5STABLZ EARTH MEASURE
		.)(F.)(F4(L,))
П	_	
		50-30-40.6 TOTAL DRAINAGE AREA
		50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES
		50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF
		50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES
		50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER 3.05 SILT FENCE
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER 3.05 SILT FENCE 3.06 BRUSH BARRIER
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER 3.05 SILT FENCE 3.06 BRUSH BARRIER 3.07 STRM DRN INLET PROTECTION
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER 3.05 SILT FENCE 3.06 BRUSH BARRIER 3.07 STRM DRN INLET PROTECTION 3.08 CULVERT INLET PROTECTION
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER 3.05 SILT FENCE 3.06 BRUSH BARRIER 3.07 STRM DRN INLET PROTECTION 3.08 CULVERT INLET PROTECTION 3.09 TEMP DIVERSION DIKE
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER 3.05 SILT FENCE 3.06 BRUSH BARRIER 3.07 STRM DRN INLET PROTECTION 3.08 CULVERT INLET PROTECTION 3.09 TEMP DIVERSION DIKE 3.10 TEMP FILL DIVERSION
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER 3.05 SILT FENCE 3.06 BRUSH BARRIER 3.07 STRM DRN INLET PROTECTION 3.08 CULVERT INLET PROTECTION 3.09 TEMP DIVERSION DIKE 3.10 TEMP FILL DIVERSION 3.11 TEMP R-O-W DIVERSION
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER 3.05 SILT FENCE 3.06 BRUSH BARRIER 3.07 STRM DRN INLET PROTECTION 3.08 CULVERT INLET PROTECTION 3.09 TEMP DIVERSION DIKE 3.10 TEMP FILL DIVERSION 3.11 TEMP R-O-W DIVERSION 3.12 DIVERSION
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER 3.05 SILT FENCE 3.06 BRUSH BARRIER 3.07 STRM DRN INLET PROTECTION 3.08 CULVERT INLET PROTECTION 3.09 TEMP DIVERSION DIKE 3.10 TEMP FILL DIVERSION 3.11 TEMP R-O-W DIVERSION 3.12 DIVERSION 3.13 TEMP SEDIMENT TRAP
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER 3.05 SILT FENCE 3.06 BRUSH BARRIER 3.07 STRM DRN INLET PROTECTION 3.08 CULVERT INLET PROTECTION 3.09 TEMP DIVERSION DIKE 3.10 TEMP FILL DIVERSION 3.11 TEMP R-O-W DIVERSION 3.12 DIVERSION 3.13 TEMP SEDIMENT TRAP 3.14 TEMP SEDIMENT TRAP
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7 CUT AND FILL SLOPES 50-30-40.8 CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER 3.05 SILT FENCE 3.06 BRUSH BARRIER 3.07 STRM DRN INLET PROTECTION 3.08 CULVERT INLET PROTECTION 3.09 TEMP DIVERSION DIKE 3.10 TEMP FILL DIVERSION 3.11 TEMP R-O-W DIVERSION 3.12 DIVERSION 3.13 TEMP SEDIMENT TRAP 3.14 TEMP SEDIMENT BASIN 3.15 TEMP SLOPE DRAIN
□ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER 3.05 SILT FENCE 3.06 BRUSH BARRIER 3.07 STRM DRN INLET PROTECTION 3.08 CULVERT INLET PROTECTION 3.09 TEMP DIVERSION DIKE 3.10 TEMP FILL DIVERSION 3.11 TEMP R-O-W DIVERSION 3.12 DIVERSION 3.13 TEMP SEDIMENT TRAP 3.14 TEMP SEDIMENT TRAP 3.15 TEMP SLOPE DRAIN 3.16 PAVED FLUME
□ □ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER 3.05 SILT FENCE 3.06 BRUSH BARRIER 3.07 STRM DRN INLET PROTECTION 3.08 CULVERT INLET PROTECTION 3.09 TEMP DIVERSION DIKE 3.10 TEMP FILL DIVERSION 3.11 TEMP R-O-W DIVERSION 3.12 DIVERSION 3.13 TEMP SEDIMENT TRAP 3.14 TEMP SEDIMENT TRAP 3.15 TEMP SLOPE DRAIN 3.16 PAVED FLUME 3.17 STMWTR CONVEYANCE CHANNEL
□ □ □ □ □ N/A	COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7 CUT AND FILL SLOPES 50-30-40.8 CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER 3.05 SILT FENCE 3.06 BRUSH BARRIER 3.07 STRM DRN INLET PROTECTION 3.08 CULVERT INLET PROTECTION 3.09 TEMP DIVERSION DIKE 3.10 TEMP FILL DIVERSION 3.11 TEMP R-O-W DIVERSION 3.12 DIVERSION 3.13 TEMP SEDIMENT TRAP 3.14 TEMP SEDIMENT TRAP 3.15 TEMP SLOPE DRAIN 3.16 PAVED FLUME 3.17 STMWTR CONVEYANCE CHANNEL 3.18 OUTLET PROTECTION
	COMPLETE COMPLETE	50-30-40.6 TOTAL DRAINAGE AREA 50-30-40.7CUT AND FILL SLOPES 50-30-40.8CNVY CNCNTRTED RNOFF 50-30-40.9 SEEPAGE ON SLOPES Min. Standards & Specifications of Measures – VA Erosion & Sediment Control Hdbk 3.01 SAFETY FENCE 3.02 CONSTRUCTION ENTRANCE 3.03 CONST ROAD STABILIZATION 3.04 STRAW BALE BARRIER 3.05 SILT FENCE 3.06 BRUSH BARRIER 3.07 STRM DRN INLET PROTECTION 3.08 CULVERT INLET PROTECTION 3.09 TEMP DIVERSION DIKE 3.10 TEMP FILL DIVERSION 3.11 TEMP R-O-W DIVERSION 3.12 DIVERSION 3.13 TEMP SEDIMENT TRAP 3.14 TEMP SEDIMENT TRAP 3.14 TEMP SEDIMENT BASIN 3.15 TEMP SLOPE DRAIN 3.16 PAVED FLUME 3.17 STMWTR CONVEYANCE CHANNEL 3.18 OUTLET PROTECTION 3.19 RIPRAP

N/A	COMPLETE	
		3.22 VEGETATIVE STRMBNK STABLZ
		3.23 STRUCT STRMBNK STABILIZTN
		3.24 TEMP VEHICULAR STRM CRSNG
		3.25 UTIL STREAM CROSSING
		3.26 DEWATERING STRUCTURE
		3.27 TURBIDITY CURTAIN
		3.28 SUBSURFACE DRAIN
		3.29 SURFACCE ROUGHENING
		3.30 TOPSOILING
		3.31 TEMP SEEDING
		3.32 PERMANENT SEEDING
		3.33 SODDING
		3.34 BERM/ZOY GRASS ESTABLSHMN
		3.35 MULCHING
		3.36 SOIL STBLZTN BLNKTS/MATNG
		3.37 TREES, SHRUBS, VNES, GRND CV
		3.38 TREE PRESERVATION
		3.39 DUST CONTROL
СНЕ	CKLIST FOR Gradin	ng Plan
Of Vi	rginia, do hereby certif	duly licensed/certified in the Commonwealth Ty that the plan submitted with these checklists conforms to the requirements of
the St	afford County Code. It	further certify that the above checklists are both complete and accurate.

Signature

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Certification